

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Jon L Howell et al

CASE NO: CH2782 US DIV

APPLICATION NO.: ---

Prior GROUP ART UNIT: 1714

FILED: ---

Prior EXAMINER: Cephia Toomer

FOR: Thermally Stable Perfluoropolyether and Processes Therefor and Therewith

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
ALEXANDRIA, VA 22313-1450

Sir:

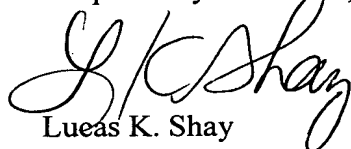
In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08.

It is noted that US 4,845,268 is equivalent to EP0 148 482; US 4,996,368 is equivalent to EP 0 381 086; US 5,000,830 is equivalent to EP0 344 547; US 5,084,146 is equivalent to WO 9115616; and US 5,753,776 is equivalent to WO9003353.

As such copies of EP0 148 482; EP 0 381 086; EP0 344 547; WO 9115616; and WO9003353 are not enclosed herewith.

Copies of other non-US patents are enclosed herewith.

Respectfully submitted,



Lucas K. Shay
Registration No. 34,724
Telephone: 302-992-6154
Facsimile: 302-892-7925

Dated: March 30, 2004

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	NEW
		Filing Date	HEREWITH
		First Named Inventor	Jon L Howell
		Group Art Unit	---
		Examiner Name	---
Sheet	1	of	2
		Attorney Docket Number	CH2782 USDIV

	Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Number	Kind Code ² (if known)			
			3,322,826		Earl Phillip Moore	05-30-1967	
			3,505,411		Rice	04-07-1970	
			4,094,911		Mitsch et al	06-13-1978	
			4,174,461		Sianesi et al	011-29-1979	
			4,523,039		Lagow et al	06-11-1985	
			4,666,977		Kihara et al	05-18-1987	
			4,735,990		Kihara et al	04-05-1988	
			4,845,268		Ohsaka et al	07-04-1989	
			4,871,109		Kalota et al	10-03-1989	
			4,996,368		Thomas Gries	02-26-1991	
			5,077,097		Moggi et al	12-31-1991	
			5,000,830		Marchionni et al	03-19-1991	
			5,084,146		Huang	01-28-1992	
			5,120,459		Kalota et al	06-09-1992	
			5,154,845	A	Williams	10-13-1992	
			5,210,123	A	Caporiccio	05-11-1993	
			5,292,961	A	Marraccini et al	03-08-1994	
			5,753,776	A	Bierschenk et al	05-19-1998	
			5,804,687	A	Drivon et al	09-08-1998	
			6,432,887	B1	Yamamoto et al	08-13-2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	0 344 547	A2	Marchioni et al	12-06-1989	US equivalent 5,000,830	
		EP	0381 086		Gries	08-08-1990	US equivalent 4,996,368	
		EP	0 148 482	B1	Ohsaka et al	03-25-1992	US equivalent 4,845,268	
		GB	1,104,482		Sianesi et al	02-28-1968		
		JP	94023121	A	Takaoka Akio	03-30-1994	Machine Translation	
		WO	90 03353	A	Bierschenk	04-05-1990	US equivalent 5,753,776	
		WO	09115616	A1	Huang	10-17-1991	US equivalent 5,084,146	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

2

Complete if Known

Application Number	NEW
Filing Date	HEREWITH
First Named Inventor	Jon L. Howell
Group Art Unit	----
Examiner Name	----
Attorney Docket Number	CH2782 USDIV

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		RICHARD J. LAGOW, Fluorine Compounds, Organic, <i>Kirk-Othmer Encyclopedia of Chemical Technology</i> , 1994, pgs. 467-499 and 528-534, Vol. 11, John Wiley & Sons, New York, Chichester, Brisbane, Toronto, Singapore	
		DAYAL T. MESHRI, Fluorinated Aliphatic Compounds, Organic, <i>Kirk-Othmer Encyclopedia of Chemical Technology</i> , 1994, pgs. 499-533, Vol. 11, John Wiley & Sons, New York, Chichester, Brisbane, Toronto, Singapore	
		YOHNOSUKE OHSAKA, Perfluoropolyether Fluids (Demnum [®]) Based on Oxetanes; Organofluirine Chemistry; pages 463-467; ed. R.E. Banks et al; Plenum Press, New York, 1994	
		SIANESI, D et al; Perfluoropolyether (PFPEs) from Perfluoroolefin Photooxidation; Organofluirine Chemistry; pages 431-461; ed. R.E. Banks et al; Plenum Press, New York, 1994	

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Signature

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Considered

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